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DATE OF DEPOSIT: April 6, 2006

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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371**

INTERNATIONAL APPLICATION NO. PCT/GB2004/004330	INTERNATIONAL FILING DATE 12 October 2004	ATTORNEY'S DOCKET NUMBER 5585-74167-01
U.S. APPLICATION NO. (If known - see 37 C.F.R. § 1.5) Currently unknown <b>10/575349</b>		

TITLE OF INVENTION <b>GLUCOSYLTTRANSFERASES</b>	PRIORITY DATE CLAIMED 13 October 2003
APPLICANT(S) FOR DO/EO/US <b>Dianna Bowles, Rosamond Jackson, Eng Kiat Lim, and Fabian Vaistij</b>	

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. § 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request.
4.  The United States has been elected in a Demand for International Preliminary Examination (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English-language translation of the International Application (35 U.S.C. § 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9.  An unsigned oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)).
10.  An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 are included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 C.F.R. § 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825 (computer diskette, 12 pages of paper copy, and a Statement in Compliance).
18.  A second copy of the published International Application under 35 U.S.C. § 154(d)(4).
19.  A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4).
20.  Other items or information:
  - Abstract on a separate page.
  - Written Opinion.
  - Preliminary Examination Report.
  - International Search Report.
  - Copies of References Cited.

JAP15 Rec'd PCT/PTO 06 APR 2006

SLR:dm 04/06/06 5585-74167-01 509080 P103161US

EXPRESS MAIL LABEL NO. EV668296764US  
DATE OF DEPOSIT: April 6, 2006

U.S. APPLICATION NO. (if known, see 17 C.F.R. § 1.45) Currently unknown <b>104575349</b>		INTERNATIONAL APPLICATION NO. PCT/GB2004/004330		ATTORNEY'S DOCKET NUMBER 5585-74167-01																					
<p>The following fees are submitted:</p> <p>21. <input checked="" type="checkbox"/> Basic national fee (37 C.F.R. 1.492(a)).....\$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee (37 C.F.R. 1.492 (c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations .....\$200</p> <p>23. <input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Articles 33(1)-(4).....\$0 Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations .....\$500</p> <p style="text-align: right;"><b>TOTAL OF 21, 22, and 23 =</b></p> <p><b>\$ 1,000.00</b></p>																									
<p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table border="1"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>43 - 100</td> <td>0 / 50 =</td> <td>0</td> <td>x \$250</td> </tr> </tbody> </table> <p><b>\$ 130.00</b></p>						Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	43 - 100	0 / 50 =	0	x \$250												
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43 - 100	0 / 50 =	0	x \$250																						
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).</p>																									
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>28 - 20 =</td> <td>8</td> <td>x \$50.00</td> </tr> <tr> <td>Independent Claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> </tr> </tbody> </table> <p><b>\$ 1,530.00</b></p>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	28 - 20 =	8	x \$50.00	Independent Claims	1 - 3 =	0	x \$200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>			
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<b>TOTAL OF ABOVE CALCULATIONS =</b>																									
<p><input checked="" type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by ½.</p> <p><b>SUBTOTAL =</b></p> <p><b>\$ 765.00</b></p>																									
<p>Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)).</p> <p><b>TOTAL NATIONAL FEE =</b></p> <p><b>\$ 765.00</b></p>																									
<p>Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.</p> <p><b>TOTAL FEES ENCLOSED =</b></p> <p><b>\$ 765.00</b></p>																									
<table border="1"> <tr> <td>Amount to be refunded</td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td>\$</td> </tr> </table>						Amount to be refunded	\$	Amount to be charged	\$																
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<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 765.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Please return the enclosed postcard to confirm that the items listed above have been received.</p>																									
<p>NOTE: Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																									
<p>SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH</p> <p><b>CUSTOMER NUMBER 24197</b></p>																									
<p>KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988</p>																									
<p><b>SIGNATURE</b></p> <p><u>Sheree Lynn Rybak, Ph.D.</u></p>																									
<p>NAME</p>																									
<p>47,913</p>																									
<p>REGISTRATION NUMBER</p>																									

cc: Docketing